PROJECT TITLE : SAVOURY

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The purpose of project SAVOURY is to prepare flavours which, when pyrolized with sheet or tobacco, give Burley-type flavour characteristics.

DETERMINATION OF FREE AMINO ACIDS BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

At the beginning of January we received an HPLC 1082B. After a training period, a method for rapid amino acid quantitation was worked out. The separation was performed on a 5-µm Tichrosorb NH_2 column with an acetonitrile/phosphate buffer gradient (1). The samples were injected without undergoing a derivatization procedure and were separated within 30 minutes.

SERVICE FOR OTHER GROUPS

Upon the request of Product Development, cooked flavour type P-15/1 was produced for project COBRA.

Cooked flavour P-15/1 (2) appeared very promising as it "darkened" the taste of reconstituted tobacco to make it more like air-cured tobacco. It was also uniform and its intensity constant. It had the disadvantage however of having a slightly fruity after taste.

REFERENCES

(1) Rainer Schuster, Hewlett-Packard GmbH, 7517 Waldbrom, West Germany.

(2) Ghiste-P., Monthly Report, May 1981.

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